Applicant: Jeppe Dyrberg Andersen, Assistant Professor, Section of Forensic Genetics, Department of Forensic Medicine, Faculty of Health and Medical Sciences, University of Copenhagen

Research visit to Laboratory of Genetics (LIM40), Medical School, University of São Paulo (FMUSP), Brazil. Travel dates: 19 November - 28 November.

The purpose of the travel was to establish a collaboration about Forensic DNA phenotyping (FDP), including pigmentary traits and ancestry in admixed Brazilians, between Section of Forensic Genetics, Department of Forensic Medicine, Copenhagen University, Denmark and Laboratory of Genetics (LIM40), Medical School, University of São Paulo (FMUSP), Brazil.

Pigmentation genetics is complex and largely associated with continental ancestry. Due to the recently admixture of the Brazilian population, it is very well suited for such investigations. LIM40 have collected FDP of a large number of admixed Brazilian individuals and carried out genotyping of relevant genetic markers. During my visit, we discussed and carried out data analysis of the genetic markers and FDP. The results of these analyses will be presented at relevant conferences and published in peer-review papers. We also agreed upon future exchange of students and researchers in relation to the project.